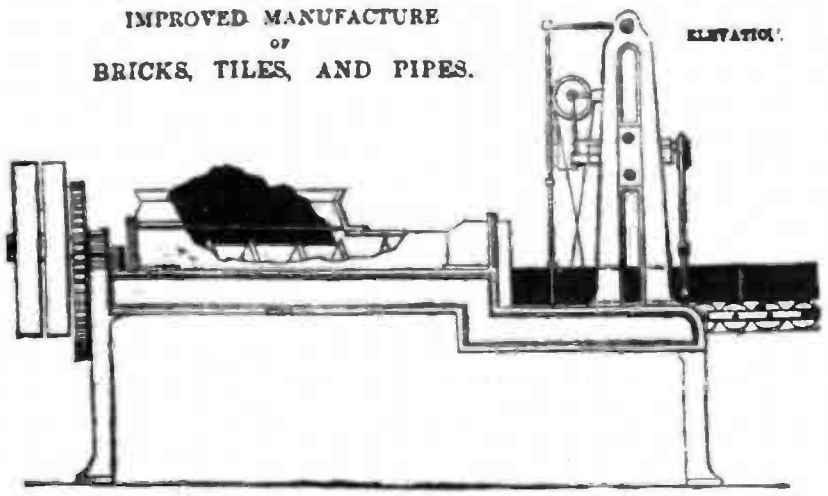
OAK STAINING and VARNISHING.—Staining and Varnishing of Churches, Chapels, &c. done for the trade as hid per cent. by JOB WILLSON, High-street, Kingsland.—Oak Stain, 4s. per gallon.

THE BEST MATTING and MATS, of Cocoa-nut Fibre.—The Jury of Class 38, Great Exhibition, awarded the Prize Medal to T. TRELOAR, Cocoa-nut Fibre Manufacturer, 42, Ludgate-hill, London.

RANDELL AND SAUNDERS'S PATENT MACHINE
FOR THE
IMPROVED MANUFACTURE
OF
BRICKS, TILES, AND PIPES.



In this machine are combined the two objects so long sought in brick machines—a press which forces the clay through a die without cessation so long as the clay is supplied to the machine, and a perpetual self-acting cutter, which severs the clay the required length without interfering with its progress.

The clay, in a rough state, is thrown upon the screws by the person employed to fill the machine; the screws, in revolving, thoroughly grind the clay, and also force it forwards into a chamber at the other end of the cylinder in which they revolve; from this chamber the clay is allowed to issue through a die, and it is obvious that the stream of clay must take the form of the opening through which it passes, and this opening can be made of the form required to make bricks, tiles, pipes, and other descriptions of ware.

When it is necessary to give the ends of the bricks a corrugated shape, this can be done by attaching a knife to the cylinder of the cutter; this knife revolves with the cylinder, and is made the shape required for the ends of the bricks, which form it imparts to the bricks in cutting them. This arrangement is adapted for making Messrs. RANDELL and SAUNDERS'S Patent Draining Bricks, for sewage purposes, which make a drain of much greater strength than the stone ware or red-ware pipes, and at far less cost.

The machine is self-acting—the attendants have merely to put in the clay, and remove the bricks, or other ware, which may be produced.

When worked with two-horse power, the machine will produce 1,800 bricks, or 1,800 9-inch pipes, per hour; more power can be applied if desirable, and a larger result obtained.

The screws propel the clay without taking air in with it; thus the ware comes out free from the imperfections which are so often seen in the ware produced by piston presses; and the loss so generally incurred by waste in burning, from the expansion of the air in the ware, is avoided.

The moderate price of this machine, and the simplicity of its construction, place it within the reach of almost every person in the trade, both as to cost and management. It not only lessens the cost of labour required in the process of brick making, but, as the clay can be used in a much drier state than it can be when moulded by the hand, the time occupied in drying is much less: and, when hollow bricks are made, a material saving is effected in the cost of manufacture and burning. In consequence of the great compression given to the clay in its transit, ware of very superior quality is produced.

For price and further particulars apply to RANDELL and SAUNDERS, Bath; CHARLES JOHN CARE and CO. Engineers Belper, Derby; STOTHERT, BAYNO, and PITT, Engineers, Bath; or to FOWLER and FRY, Engineers, Bristol

BRICK AND TILE MACHINES.

The Proprietors of HART'S PATENT BRICK and TILE MACHINES are now prepared to receive and execute orders with the least possible delay, but to prevent disappointment, they beg to state that they will rigidly adhere to the order in which they are received.

The advantages of the Brick Machine may be shortly described:—

1st. The clay is pugged and the brick moulded by the same motion, and may be produced from clay that cannot be worked by hand.
2nd. The bricks are superior in quality to hand-made, being of a uniform density.
3rd. The bricks pass from the mould to the pallet-boards without injury by handling, and are much sooner ready for the clamp.
4th. Is self-acting, portable, dispenses with skilled labour, and enables a contractor to estimate his product with certainty.
5th. Is warranted with two-horse power to make 5,000 bricks per hour, and will continue in working order for years.
6th. Saves 3s. 6d. per 1,000 in labour alone in the actual manufacture, but which will be found to be trifling compared with the enormous advantages in the use of unimpaired clay and the shortness of the time required between the mould and clamp.

The above statements will be fully borne out on reference to any person using a Machine, and are confirmed by the performance of a Machine at the Yorkshire Agricultural Show, on the 7th of August, when, after a severe test, a Prize Medal was awarded to the Inventor, when the Machine made 2,700 first-rate Bricks within the hour.

Price ..... £200, net.

THE DOUBLE-ACTION HOLLOW-BRICK AND TILE MACHINE

Is very simple in construction, made entirely of iron, and will make with great rapidity. Hollow bricks of all sizes, and pipes of 4 inches diameter, and mouldings of 6 inches diameter; has two receiving tables, and may be worked by hand, horse, or steam power; travels on wheels, and may be worked by any ordinary labourer. If required, the dies for Robert's Patent Hollow Bricks, as exhibited in Prince Albert's Model Cottages in Hyde-park, are manufactured for, and supplied with this machine.

Price for Hand Machine, complete ..... £30, net.
Horse or Steam ..... 35, ,,

The price for horse work to drive one tile machine, £4; for two, £6 10s.; for three, £10.

One horse will drive three machines.

Orders and communications are requested to be addressed to MR. HENRY C. MOUNT, 10, Clement's-lane, London.

CHEAP AND DURABLE ROOFING.

By Her Majesty's Royal Letters Patent.

F. McNEILL and CO., of LAMB'S-BUILDINGS, BUNHILL-ROW, LONDON, Manufacturers and ONLY Patentees of

THE PATENT ASPHALTED FELT, FOR ROOFING HOUSES, VERANDAHS, SHEDS, &c.,

Patronized by

HER MAJESTY'S WOODS AND FORESTS,
HER MAJESTY'S COMMISSIONERS OF CUSTOMS,
HONOURABLE EAST-INDIA COMPANY,
HONOURABLE BOARD OF ORDNANCE,
HER MAJESTY'S ESTATE, ISLE OF WIGHT,
ROYAL BOTANICAL GARDENS, REGENT'S PARK,

And by the most eminent members of the Royal Agricultural Societies of England, Scotland, and Ireland; at whose great national shows it has been exhibited, and OBTAINED THE PRIZE, for being the best and cheapest article for roofing; also used for under crates at the Royal Agricultural Society's House, in Hanover-square. Its advantages are lightness, warmth, durability, and economy. It is impervious to rain, snow, and frost, and a non-conductor of heat and sound. The Felt can be cut to any length, by 32 inches wide. The price is only ONE PENNY PER SQUARE FOOT. Samples, with full directions as to its uses and the manner of applying it, with TESTIMONIALS, some of them of seven years' experience, from Architects, Builders, Noblemen, and Gentlemen, who have extensively used it, sent free to any part of the town or country. A Dry-hair Felt, for covering Boilers, &c., is also manufactured, by which a saving of about 25 per cent. in fuel is effected. The TRADE are respectfully enjoined to send their orders DIRECT to the FACTORY, as the surest means of being supplied with the genuine article, and in lengths best suited to their roofs. They are likewise CAUTIONED AGAINST MISREPRESENTATION, as THE ONLY WORKS in Great Britain where the above roofing is made are F. McNEILL and Co.'s Manufactories, LAMB'S-BUILDINGS, BUNHILL-ROW. Roofs covered with the Felt to be seen at the Factory, also the new Vice-Chancellor's Courts, the passages and offices leading to Westminster Hall, and other buildings at the New Houses of Parliament.—A Liberal Discount allowed to the Trade.

ORSI AND ARMANI'S
PATENT METALLIC LAVA,
BROWN, WHITE, AND ORNAMENTAL,
AND
SEYSSEL ASPHALTE.

Messrs. O. and A. beg to inform ARCHITECTS, BUILDERS, &c. that in addition to their BROWN LAVA for floorings, roofings, &c. and their WHITE and ORNAMENTAL LAVA, for interiors of churches, halls, museums, vestibules (and in consequence of CLARIDGE'S PATENT for SEYSSEL ASPHALTE having expired), they are now ready to contract for work to any extent in GENUINE SEYSSEL ASPHALTE, imported by them from the original mines of Seyssel, and by their List of Prices, Architects, Builders, and Contractors will see a GREAT REDUCTION from those of any other importer.

A GUARANTEE IS GIVEN for work executed by O. and A. for THREE YEARS, free of any expenses.

For particulars, samples, and list of prices, at the Office, 6, Guildhall-chambers, Basinghall-street, City.

July, 1852.

MUIR'S PATENT PLANING MACHINE.

SAW MILLS, GILLINGHAM-STREET, PIMLICO.

TIMBER of any size, PLANKS, DEALS, and BATTENS, &c., sawn on the most approved principle; Boards, &c. prepared, matched, and grooved, by Muir's Patent Machinery. The Mills have all the advantages of navigation and water-carriage, being connected with the Thames by the Grosvenor Canal. Goods fetched from the docks, and carted home free of charge.

Address to HENRY SOUTHAM,
Saw Mills, Gillingham-street, Pimlico.
N.B. Estimates given for Sawing and Planing.

THE GENERAL WOOD-CUTTING COMPANY, TIMBER WHARF, SAWING, PLANING, AND MOULDING MILLS,
Belvedere-road, Lambeth, near Waterloo-bridge,

are prepared to supply timber and deals, &c. cut and uncut, to any extent, at the current prices of the day. They keep a large stock of WELL-SEASONED FLOORING and MATCH BOARDS, which, being manufactured by themselves, they offer at the lowest remunerating profit. Buyers of timber, &c. from the country, will find their extensive saw mills a convenience for the immediate conversion of their purchases to any purpose which may suit them.

The Company beg leave to call the attention of the trade to their NEW MOULDING LIST, the largest ever published, and to state that, in addition to the numerous patterns therein delineated, their machinery enables them to execute every description of mouldings, from drawings, &c. with an accuracy and despatch which must insure satisfaction.

The moulding list, containing nearly 300 diagrams, with prices annexed, may be had at the mills, or shall be forwarded on receipt of six postage stamps (the amount of the postage thereon).

PATENT VULCANISED INDIA-RUBBER TUBING, for Gas Fittings, Chemical Purposes, Fire Engines, Manure Pumps, &c.—JAMES LYNE HANCOCK, Sole Manufacturer (and Licensee), Gerrard-mews, Gerrard-road, London, begs to invite the attention of Architects, Builders, Engineers, and the trade generally, to the Vulcanised India Rubber Tubing, which is now manufactured from 1-8 inch bore and upwards, in lengths from 30 to 100 feet, and of various strengths, suitable to the purposes for which it is applied. VULCANIZED HOSE for FIRE ENGINES, LIQUID MANURE, and for conveying HOT WATER to BATHS in DWELLING-HOUSES and BREWERIES, manufactured to resist great pressure of any length and size to order.

*** Testimonials may be had on application at the Manufactory.

N.B. VULCANIZED WASHERS and SHEET RUBBER for Steam and Hot Water Pipes, and Packings for Pistons and Gland-Boxes of Steam Engines, cut any size to order.

IMPROVED SLUICE COCKS for Water, Gas, or Steam, brass-faced, and Sluices raised by square thread, engine-turned Screw, working in Brass Nut, in every respect as good as can be manufactured, are offered at the following prices per inch:—

2 inch.	3 and 4 inch.	8 to 8-inch.	10 to 12-inch.
13s.	14s.	15s.	17s.

Lithographs of the improved self-lubricating, and various other constructions, with descriptions and prices attached, may be had on application.

Single purchase Builders' Crabs, as above, fitted with Two Handles, and Wrought Iron Braces and Spindles, with Nut to throw in and out of gear, price £10. each. Delivered in London free.

BARRETT, EXALL, AND ANDREWES,
Kalamazoo Iron Works, Reading.
Agents in London.—DEANE, DRAY, and DEANE, where the above may be seen.

TO ARCHITECTS, CIVIL ENGINEERS, SURVEYORS, BUILDERS, AND TO LOCAL BOARDS.

THOMAS BEGGS, 13, Fleet-street, London, Depôt of Articles for Waterworks, Drainage, Liquid Manure Distribution, and other Sanitary purposes.

LONDON HOUSE
FOR
RIDGWAY & CO.'S SANITARY VESSELS,
INCLUDING
FOUNTAIN BASINS, CLOSETS, SINKS, &c.

REDUCTION of PRICE in UNGLAZED DRAIN PIPES,
Manufactured by CHAS. FRANCIS and SONS, NINE ELMS.
The prices in future will be,

6s. 3d.	per foot for the 3 inch bore.		
6s. 3d.	,,	4	,,
6s. 3d.	,,	6	,,
6s. 3d.	,,	9	,,
1s. 3d.	,,	12	,,
2s. 3d.	,,	15	,,

These pipes are made on the steam pressure, and burnt to great hardness, and are capable of bearing nearly double the hydraulic pressure of ordinary glazed pipes. The prejudice against red ware is overcome by this manufacture. And it is well known that good earthenware, UNGLAZED, is the oldest material discovered in a perfect state in Rome, Babylon, Nineveh, &c., &c.

Agent for Southampton, M. L. FLUDER, American Wharf.

SUPERIOR GLAZED STONEWARE DRAIN PIPES, invented and manufactured by
WILLIAM NORTHEN, UNION POTTERY, No. 14,
VAUXHALL-WALK, LAMBETH.

W. NORTHEN begs to inform surveyors, contractors, builders, water companies, &c. that he has completed "Spencer's" new patent machinery for making GLAZED STONEWARE DRAIN PIPES, JUNCTIONS, BENDS, ELBOWS, SYPHON-TRAPS, &c. &c. Amongst the many advantages of pipes made by this machinery over all others may be mentioned, that it insures perfect uniformity in form and size, both of pipes and sockets, the dies being of a different and better construction than any others now in use; and the pipes and sockets being made by one process are secure from separation.

W. N. invites particular attention to the superior quality of the glaze used in his manufacture, which is equal to glass, and renders stoppage in the drains impossible.

W. NORTHEN'S PIPES MAY BE INSPECTED AT THE FOLLOWING PLACES, WHERE ORDERS ARE RECEIVED:—

Rosher and Co.'s Wharf; Kingsland, Blackfriars, and Millbank.—Martin and Wood's Market Wharf, Regent's-park Basin.—J. C. Hilton's, Crown and Horse-shoe Wharf, No. 4, Upper Thames-street.—W. Pelman, North Wharf, Paddington.—C. Richardson's, South Wharf, ditto.—G. Erith's, Cambridge Heath Wharf, Hackney.—W. Parry's, Canal Bridge, Old Kent-road.—Millwood and Co.'s Wharfs, Kensington Basin, and Creek Wharf, Hammersmith.—J. Corbett's Depôt, Britton-street, Chelsea; and at the Pottery.

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